



13859-1
13859-2



L'innovation au service
de la performance et du confort !

A2 FIREBREATHER W1

Intended uses :

Reflective, highly vapour-permeable and non-combustible underroof membrane. Ideal to avoid overheating in the attic and in compliance with the fire risk regulations.

EST classification : E1-Sd1-Tr3

Composition : Aluminum - waterproof and breathable membrane - glass clothe

	Standards	Values	Units	Tolerances
TECHNICAL CHARACTERISTICS :				
Thickness	EN 823	0,43	mm	
Length		50	m	
Width		1,2	m	
Surface		60	m ²	
Surface density		430	g/m ²	
MECANICAL CHARACTERISTICS :				
Watertightness	EN 1928	W1		
Tensile strength				
Longitudinal sense (L)	12311-1	3000	N/50mm	± 400
Transversal sense (T)		3200	N/50mm	± 400
Elongation				
Longitudinal sense (L)	12311-1	6	%	± 2
Transversal sense (T)		5	%	± 2
Resistance to tearing				
Longitudinal sense (L)	12310-1	580	N	± 50
Transversal sense (T)		450	N	± 50
Flexibility at low temperature	EN 1109	-40	°C	VLF*
Water vapour permeability	EN 12572	0,08	m	± 0,02
Water vapour diffusion coefficient	EN 12572	140	μ	
Resistance to vapour penetration	EN 12572	4,00E-01	MN.s/g	
THERMAL CHARACTERISTICS :				
Emissivity				
External surface		5	%	± 3
Internal surface		-	%	
FIRE CHARACTERISTICS :				
Fire reaction	EN 13501-1	A2,s1-d0		

* Valeur limite de fabrication

Certification(s) :
Notified body(ies) :

Efectis
TSUS (notified body n°1301)



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